

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1 | photodetector and (cladding with extends with (absorbing adj layer)). clm. | US-PGPUB | OR | ON | 2005/09/06 08:49 |
| S1 | 4 | ("6278820" "6633425").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/06 08:47 |
| S2 | 33 | photodetector and intrinsic and (quantum adj well) and (quantum adj well adj barrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:10 |
| S3 | 37 | S1 or S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:06 |
| S4 | 1 | S3 and PIN and ((travelling adj wave adj photodetector) or (avalanche adj photodetector)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:06 |
| S5 | 1 | S3 and ((travelling adj wave adj photodetector) or (avalanche adj photodetector)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:05 |
| S6 | 4 | S3 and PIN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:07 |
| S7 | 0 | S1 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:06 |
| S8 | 1 | S2 and PIN and ((travelling adj wave adj photodetector) or (avalanche adj photodetector)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:07 |
| S9 | 3 | S2 and PIN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:07 |

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|-----|-----|---|---|----|----|------------------|
| S10 | 2 | (US-5872016-\$ or US-5627383-\$). did. | USPAT | OR | ON | 2005/06/09 12:09 |
| S11 | 0 | S10 and absorbing and cladding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:10 |
| S12 | 0 | S10 and absorbing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:10 |
| S13 | 0 | S10 and cladding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:10 |
| S14 | 154 | photodetector and intrinsic and absorbing and cladding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:11 |
| S15 | 28 | photodetector and intrinsic and absorbing and (upper with cladding) and (lower with cladding) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:12 |
| S16 | 24 | S15 and quantum | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:12 |
| S17 | 7 | S15 and (quantum with well) and (quantum with barrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/09 12:13 |
| S18 | 272 | 257/189.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/09/01 18:29 |